

### **Abstract**

The invention relates to a halogen-free composite film consisting of at least one to N sealable, multi-layered laminated film(s), wherein N is an integer from 2 to 10, and in which a functional layer and/or a functional element is present between the individual laminated films. In addition, the invention relates to a process for manufacturing the halogen-free composite film and its use as a flexible, multi-purpose material.